



## General Faculties Council votes to close Dentistry

**Proposals will now go before Board of Governors**

By Michael Robb

General Faculties Council has voted 74-47 to close the Faculty of Dentistry after 1997-98. The proposal will be considered by the Board of Governors on 15 June and, if approved, then by the provincial government. The proposal calls for no new admissions after 1994-95.

"There's no other vertical cut that we can recommend that has as many advantages and as few drawbacks," Vice-President (Academic) John McDonald told GFC last Monday.

If the proposal is approved, the University will work with the provincial government to establish arrangements with other provinces for training dentists to meet the province's needs. Administrators are also discussing the possibility of transferring the dental hygiene program to another postsecondary institution in the province or retaining it at the University as part of health sciences.

The administration's case for closing the Faculty rested on five main points: there are too many dental schools in Canada; the dental school costs too much to operate; it is not central to the University's academic mission; it is not a centre of excellence; and, it would take too much money to make it a centre of excellence.

Vice-President (Research) Martha Piper said when all the factors are considered, the argument for closing the Faculty is compelling. "We do not need four schools in the West," she told GFC members.

"It's clear that consolidation of those small schools throughout the country would reduce our average costs per student and, most importantly, provide a potential for increased quality and research," she said.

Closure of the Faculty could save the U of A \$4 million per year; a reallocation of funds could then be redirected to strengthen other Faculties, Dr Piper said. Dentistry does not have extensive research links with other Faculties, has limited graduate programs and lacks extensive teaching links with other Faculties.

The Faculty has over the last decade not been a leader in research and has had weaknesses in curriculum, research and leadership, she said. There has been no real growth in funding for the Faculty from AHFMR. Past experience shows the Faculty's ability to raise private support is limited, Dr McDonald said.

Dr McDonald also pointed to the University's strategic plan, which states: "To achieve excellence with limited means, we take a selective approach to the allocation of resources and the setting of priorities at all levels of the institution. We do not seek to

cover all possible fields of study, nor to be all things to all people."

The choice is a simple one: "Do you support the selective approach of *Degrees of Freedom*?" he asked.

Dr Piper outlined the alternatives in the event the Faculty was closed. Other Canadian universities would be eager to cooperate by providing spaces for Albertan students, and practicums could still be done in the province. And the dental hygienists

program could be transferred to either NAIT or SAIT, or it could remain at the U of A as part of the health sciences.

The Faculty's case focused on these points: the Faculty is vital to the province; its activities are of higher quality than the University administration says; and, alternative, more cost-effective plans for improvement in teaching and research are being formulated.

At the first of two GFC meetings at which the proposal to close the Faculty was discussed, Jeffrey Osborn (Oral Biology) said the Faculty is ranked fourth in the country out of 10 in terms of research funding. "In terms of grants and an independent measure of the cumulated scientific merit of research publications we rank second out of the five small health sciences Faculties [on campus]."

*Continued on page 2*

## U of A bids farewell to Davenport

By Folio Staff

It was standing room only in the Corbett Hall lecture theatre last Friday afternoon as almost 300 faculty, staff, students and friends came to bid farewell to the University of Alberta's 10th president, Paul Davenport.

The theme of the farewell—"Don't fence me in"—was borrowed from the President's 11 October 1989 inaugural address in which he called upon guests from the community, the private sector and government not to "fence us in" as a University.

"We ask instead that you join with us in working to maintain and enhance our international reputation for teaching and research," Dr Davenport said at the time.

Last Friday, Martha Piper, VP (Research), and Randy Boissonnault, former Students' Union President, trotted out the theme with enthusiasm and high spirits as they introduced guests and led the audience in a hearty rendition of "Don't Fence Me In" and a closing chorus of "Happy Trails to You."

With an equal amount of enthusiasm, Doug Wilson, Dean of Medicine, and David Moores, Chair, Department of Family Medicine, presented Dr Davenport with a president's survival kit. The kit contained sunglasses to prevent vision impairment complete with attachable rear view mirrors for Presidents who need to see behind while they look ahead, a flack jacket to stave off personal attacks and a riot helmet to protect intellectual property.

A 30-minute slide show included photographs of campus, along with pictures and quotes from many who have worked with Dr Davenport while at the U of A. (Please see "Tributes to a President," page 4)



David Moores, left, and Doug Wilson, right, help Paul Davenport into a flack jacket. The jacket, the shades and the attached rear view mirrors (necessary for presidents who need to watch behind while looking ahead) and a helmet were all components of a "presidential survival kit" presented to Dr Davenport by the Faculty of Medicine at last Friday's farewell to the President.

Mayor Jan Reimer read a proclamation designating Dr Davenport as an honorary ambassador for the City of Edmonton.

John Ferguson, Chair of the Board of Governors, presented the guest of honour with a plaque thanking him for the "presidential equivalent of 25 years of dedicated service" he provided during his short five years on campus.

Francis Winspear, a noted friend of the University, thanked the President for his contribution to scholarship and suggested that "Dr Davenport has been equal to, if not superior to, any of his predecessors."

Art Quinney, Dean of Physical Education and Recreation, thanked Dr Davenport for his support and presented him with a basketball print and said it was his fondest hope that the Golden Bears football team could meet the University of Western Ontario Mustangs in the Vanier Cup next fall and "beat the tar out of them."

Students from the Economics Department presented the President with an eco-

nomics' student T-shirt, asked him to remember the U of A, wished him good luck in his new job as President of the University of Western Ontario and pleaded with him never to become a Toronto Maple Leaf fan. Jim Copeland presented a gift from the University's Green and Gold Society.

On behalf of the University, Gene Lechelt, Chair, Department of Psychology, presented Dr Davenport with a case of Dom Perignon and a selection of fine wines.

Dr Davenport was noticeably touched by the event. He spoke affectionately about the friends he had made at the University and about how much he would miss them. (Please see "Davenport bids farewell", page 4)

The celebration concluded with a tree planting on the front lawn of Corbett Hall followed by a reception in the main foyer.

Dr Davenport leaves the University on 30 June. He begins his new post the following day.

# NSERC officials say rumours of demise of research grants program not true

**Morand explains some of the pressures granting council is under**

By Michael Robb

The Natural Sciences and Engineering Research Council is not going to cut the research grants program, says Nigel Lloyd, director general of the granting council's Strategic Grants Programs.

Nor has NSERC been reducing the research grants program budget over the past several years and transferring it to its industry programs, Dr Lloyd told University of Alberta researchers who attended a 25 May meeting with him and Peter Morand, NSERC president.

The rumours circulating across the country via E-mail networks are simply not true, Dr Lloyd said, and, in fact, over the past 10 years the research grants program budget has increased by \$71 million. "The percentage of money NSERC puts in to the research grants program has declined over the last few years. That's not because we have transferred money out of the program, but because we've been successful in getting additional funding from government for specific initiatives."

Lloyd said the research grants program budget this year will fall from \$200 million to \$198 million. "That is being done to create a pool of money for the collaborative projects program. NSERC plans to do the same for the next two years, so that after three years there will be a total of a three percent reduction in the research grants program."

The council is doing that to encourage collaboration, and there is evidence to suggest that the research grants program does not actively encourage collaboration, and in fact may discourage it in some cases, Dr Lloyd said. "It's not designed to replace the research grants program, it's designed to complement it."

"The main pressure on the research grants program comes from the continued influx of new applicants into the system." About 200 people drop out of the system each year and between 400 and 500 come into the system annually.

NSERC officials have been visiting universities across the country to do three things: explain what's happening at the federal level on the policy front; explain what led to the production of the granting council's strategic document, *Partnerships in Knowledge*; and outline some of the pressures the council is under.

The University of Alberta receives about five percent of the total NSERC program budget; in 1992-93, it received about \$25 million. For the past three years, science-based departments and granting agencies have been cut. "What we suffered was the withdrawal of a promised four percent increase," Dr Morand explained. "This year, we'll have a flat budget, and for 1995-96 and 1996-97 what's on the books is a 1.5 percent increase."

"It will be very difficult for us to make a convincing argument for real increases. What we have to do, however, is to get ourselves together as a community, build on consensus, and ensure we go forward in a very strong way, not in a fractious and divided manner."

The federal government, in its February budget, outlined its desire to develop a science and technology, research and development policy. The Secretary of State for Science will be talking with people across the country this summer as part of a consultation process, Dr Morand said. As well, all

science-based federal departments and granting agencies are being reviewed.

Drs Morand and Lloyd fielded a number of questions. Entomology Professor John Spence wondered about the extent to which committees shift resources. Dr Lloyd said the council will be discussing the magnitude of those shifts in June. Right now, the policy states that up to 10 percent of funds available could be redistributed. "The easiest thing is to do nothing, but the hardest thing is to do something," said Dr Morand.

Responding to a question by Botany Professor Mark Dale about funding for field stations, Dr Lloyd said they are handled on a case-by-case basis.

Physics Professor Doug Hube said he was under the impression that fewer smaller grants were being awarded and that large grants were getting larger. It's really at the discretion of the committees, responded Dr Morand. Added Dr Lloyd, Some committees have a more elitist ap-

proach. Engineering committees tend to favour higher success rates, so the recipients can leverage other sources of funding.

Dean of Science Dick Peter wondered whether the council would be consolidating some of its programs. "What concerns many people is the number of programs NSERC has." That recurring issue, Dr Morand replied, would be looked at in a couple of months.

Physics Professor Don Page suggested that NSERC move up the 15 February selection date for postdoctoral students. "I've lost one definite and one probable NSERC postdoc because they had to decide to go elsewhere before NSERC decided."

Allen Good (Genetics) said a lot of new applicants from MRC and Agriculture Canada in his area are coming into the NSERC system. "What kind of pressure are we putting on Agriculture Canada and MRC to open up their programs?" Dr Morand said there are no easy solutions. Dr Lloyd pointed out there is a task force looking at eligibility for NSERC funding.

## Typical academic career path under assault, says NSERC official

Right, young students used to head off to graduate school, then on to postdoctoral positions. Then, they'd go to work at universities or in government.

"This situation has really changed, and there's unlikely to be many new jobs in universities or the government sector over the next few years," Nigel Lloyd, director general of the NSERC Strategic Grants Program, told University of Alberta researchers. "The growth will be in industry."

That's why it will be important to increasingly expose students to the industrial environment through cooperative programs and other initiatives, he said.

NSERC's strategy will be to encourage universities to increase their links with in-

dustry. "For the next few years, there will be an additional emphasis on increasing linkages with other sectors and exposing students to the challenges of industry."

NSERC President Peter Morand said, "We're certainly not saying university research groups should become industrial laboratories. What we are saying in our strategy, if you look at it very carefully, is that we have to present ourselves in the university community as willing to share that knowledge and to be accountable.

"We have to be accountable in the sense that we're going to make the case of the importance of research going on in universities. I know some people can do it better than others. Those that can, should do it."

## Dentistry *Continued from page 1*

Dr Osborn said the Faculty has few graduate students, but unlike every other Faculty, Dentistry has been continually starved by the Faculty of Graduate Studies and Research.

"Simply closing Dentistry would save the province only about \$2 million, not \$4 million," he said, questioning why the provincial government would not simply deduct the cost of the Faculty's programs to the University once the Faculty was closed.

"We lose the Faculty and gain nothing," he said.

On provincial dental needs, Dr Osborn cited data that suggest that if the province's growth and retirement trends continue, that in 10 years the province will need an additional 65 dentists per year. Dr Piper responded that Alberta Health projections were about half that number.

Dean Norm Wood said that once the school is closed, the province will never have another school of dentistry. It would simply be too expensive to establish another one.

Before the *Quality First* proposals went to GFC, ADC turned them down and PPC approved the closure of Dentistry.

ADC member Dan Syrotuik (Athletics) said one factor that influenced ADC's deci-

sion was that senior administration could not assure committee members that training and education that would occur at other schools would be equal to or superior to the training dental students now receive. Another factor was that Saskatchewan's dental school has twice been slated for closure and Manitoba's did not have full accreditation by the Canadian Dental Association, he explained.

Dr Osborn said there were simply no guarantees that Ontario dental schools would replace their own students in favour of Alberta students.

Don Richards (Educational Administration), a member of both ADC and PPC, said the general feeling at ADC was that the Faculty was producing competent and respected dentists and dental hygienists, had a good record of service and was salvageable. But the status quo was not acceptable. At PPC, Dr Richards said, the question that came up in his mind was, Is Dentistry good enough balanced against a possible saving of \$4 million?

Faculty of Nursing Dean Marilynn Wood had another concern. At a time when granting councils are increasingly funding interdisciplinary research for health promo-

tion, does it make sense for the U of A to close one of its health science disciplines? Responded Dr Piper: There are fine universities, such as McMaster, that don't have dental schools. Networking will be increasingly important, she added.

Oral Biology Chair Paul Scott said the most serious charges levelled at the Faculty were that it had failed to respond adequately to recommendations included in the report of the President's Advisory Committee on Campus Reviews. Charges that there were persistent weaknesses were not true, he said, and the Faculty had acted on the PACC recommendations. He pointed out that the recommendation to hire an oral microbiologist was acted upon in 1990, but that as a direct result of the budget cuts in 1991 to Oral Biology, the person left.

Art and Design Chair Desmond Rochfort wondered whether dentists trained outside of the province would return to practice in Alberta. Optometrists trained in Ontario and veterinarians trained in Saskatchewan come back to Alberta, Dr Piper responded, and doing dental field placements here would encourage them to return.

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# Many proposals developed for Penrod Commission

By Michael Robb

A one-person commission, led by Associate Vice-President (Academic) Lynn Penrod, has submitted its draft report, containing 33 proposals designed to increase access to the province's postsecondary education system.

"My colleagues at the University responded with incredible alacrity and generosity," said Dr Penrod in her report. "We have all learned a great deal in the process—about the exciting possibilities we have to expand access to some of our best programs with innovative and cost-efficient approaches which we have never tried before, about the richness across disciplinary lines, and about the ongoing enthusiasm for responding to the challenge of delivering innovative, cost-effective and quality programs with strong ties to the world of work."

The proposals included in the report are guided by three principal objectives, stated in the government's draft strategic plan, *Access Through Innovation: An Agenda for Change*: innovation, cost effectiveness, and meeting private and public sector employment demands.

The University report, titled *Not to the coyotes: draft proposals from the University of Alberta relating to the Access Fund*, is a response to the provincial government's recent announcement of a \$47 million access fund. The government plans to entertain proposals from postsecondary institutions that would be funded by the fund.

President Paul Davenport said, "Dr Penrod's report indicates the wide range of opportunities the University faces through the access fund, as well as the complexity of

the academic and budgetary judgments which the program will require us to make.

"We will need to think clearly about our academic priorities, particularly since the fund will coincide with a significant reduction in our base government grant. Our intention is that this report will serve as background for the decisions that will be taken by the University at a later date."

The report includes proposals for:

- Increasing access to industrial internship programs within the Faculty of Science;
- Establishing a Centre for Latin American Studies within the Faculty of Arts;
- Increasing access to environmental engineering with the Department of Civil Engineering;
- Increasing access to part-time degree programs at the University;

## Professor gives \$1 million to U of A Gift funds new pharmacy institute

By Elsa Roehr

The University of Alberta will have a new institute for pharmaceutical research, thanks to a \$1 million gift from Antoine Noujaim, Professor Emeritus at the University of Alberta and co-founder of Biomira Inc. The new institute will conduct oncology (cancer) research; oncology is Dr Noujaim's research specialty.

The University will use \$250,000 of the gift as an endowment to ensure the new institute can operate into perpetuity. The rest of the money will be used to match other grants raised for research staff salaries in the oncology institute.

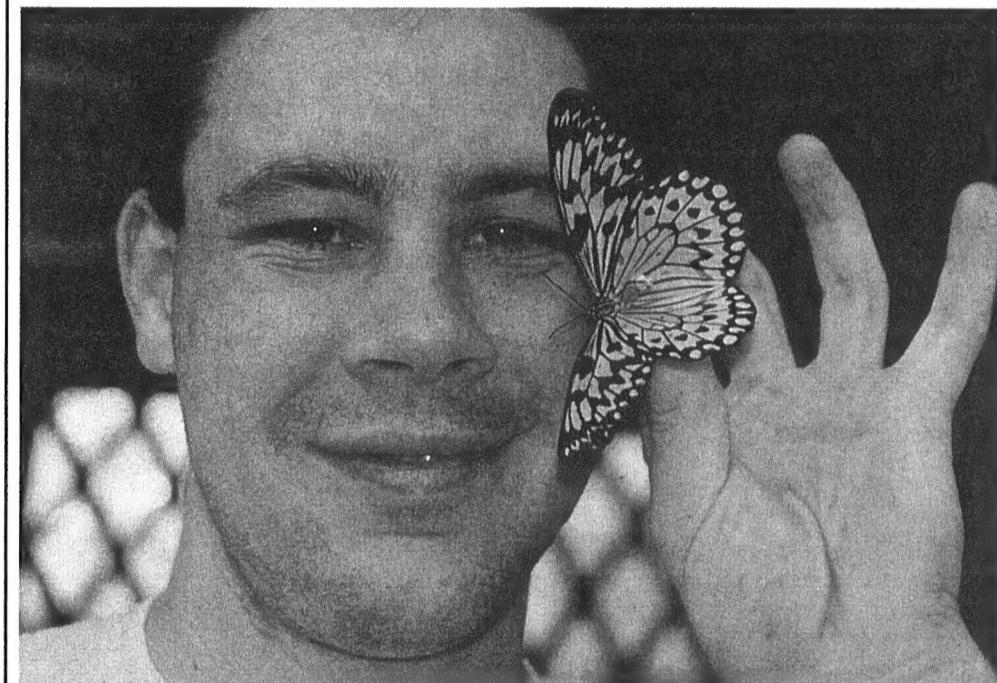
"This most generous gift from our colleague will allow the Faculty of Pharmacy and Pharmaceutical Sciences to build a research expertise in pharmaceutical oncology that would otherwise not have been possible," said Richard Moskalyk, Dean of Pharmacy.

"The University of Alberta has provided the leadership and the opportunity for me and others to contribute, over the years, significant efforts in the fight against cancer," Dr Noujaim said. "We cannot expect the government and the University to carry this load strictly by themselves and, conse-

quently, we, as individuals, have an obligation to help during these difficult financial times. The proposed institute of pharmaceutical oncology will go a long way in providing the private sector with the opportunity to also contribute in the battle against cancer."

Since coming to the University in 1966, Dr Noujaim's research has focused on antibodies that bind to tumor cells. First, he helped develop diagnostic tools by attaching radioactive labels to the antibodies, which are injected into a patient's body. When the body is then scanned, the antibodies show tumor size and location. Recently, Dr Noujaim has been working on a cancer vaccine that is in clinical trials. When administered to patients in remission, the vaccine helps their immune systems identify and kill reactivated cancer cells.

Dr Noujaim made this gift to the University of Alberta 1991 Foundation. His gift is part of a trend toward increased private gifts to the University. Private gifts totalled \$14.2 million in 1993-94, up 13 percent (\$1.6 million) over 1992-93. In the same period, the number of alumni donors increased to 13,853 in 1993-94, up from 9,775 in 1992-93.



Sharon Smith

## Spokesbug at the Garden

Entomologist Brent Karner holds a live White Tree Nymph, an example of 300 or so butterflies now flying freely at the Devonian Botanic Garden Butterfly House. This exotic visitor is one of 46 species of butterfly and giant moth imported in a joint project with the Provincial Museum. Karner says many of the Garden's butterflies are becoming rare or endangered as their rainforest habitats disappear. The White Tree Nymph and its equally beautiful housemates speak eloquently on behalf of ecological sensitivity.

## A unique opportunity for improvement of teaching and learning Animal Science professor shares teaching prize winnings with Faculty colleagues

By Sandra Halme

Mick Price has always been a people person. So much so, in fact, that his successful application for the 1994 Brian Hocking Teaching Scholarship involves taking some of his colleagues from the Faculty of Agriculture, Forestry and Home Economics to a conference in Vancouver, 15 to 18 June.

Dr Price applied for the '94 Hocking Scholarship with the sole intention of bringing together eight or nine colleagues willing to give teaching and learning their undivided attention for one week. The workshop includes attending the 14th annual conference of the Society for Teaching and Learning in Higher Education. This isn't a pleasure trip either. Dr Price made it perfectly clear to his colleagues that the suc-

cessful applicants must have "cheap tastes and interest in the improvement of teaching and learning."

Dr Price points out that he and his colleagues will search for ways to measure and reward teaching success. "Our particular task will be to produce a report for the chair of FEC [Faculty Evaluation Committee] recommending changes to our FEC guidelines. The group will also serve as a think tank for all matters related to the improvement of teaching and learning, particularly in the Faculty."

In a letter of invitation to his colleagues, Dr Price emphasized that part of the deal is that applicants must agree to stay with the tour throughout — no separate travel or accommodation. He adds

"that any attempt to bribe me will be given serious consideration" (apparently no such events occurred). Selected colleagues will have all conference expenses paid.

Dr Price joined the Faculty 18 years ago and has consistently been recognized for his teaching prowess (he's a three time winner of the Agriculture Club Teaching Award). An ardent booster for the improvement of teaching and learning, Dr Price has pondered how one goes about "sensibly measuring teaching success in order to reward it, and how one guides colleagues toward achieving it." The Hocking award application was his way of approaching the dilemma.

When asked what makes a good teacher, he pauses and then admits he

doesn't know. What he tries to do is "interact as closely as possible with the students to see that they understand." Dr Price adds that "the important thing is to find out what it is the students want to learn and make sure they get the opportunity to learn it." He also approaches what he teaches with zest, saying, "I'm one of the lucky ones, I have only interesting things to teach, I never get bored."

The Brian Hocking Scholarship for Promotion of Teaching and Learning is an annual prize aimed at developing teaching ability and skills among teaching staff in the Faculty and developing and promoting an active and innovative learning environment within the Faculty.

# Tributes to a President

*Editorial note: The following tributes were taken from the "Presidential Farewell" booklet and the slide presentation put together for Dr Paul Davenport's farewell on 27 May 1994. The President's farewell address appears below the tributes.*

"His vision and leadership helped guide the University during a period of rapid change.

During his term as President, the University took a major step towards repositioning itself for the 21st century."

**Jack Ady**

Minister, Advanced Education and Career Development

"Farewells are never easy, especially when it means saying goodbye to someone whose energy, enthusiasm, and integrity have greatly added to the quality of our community."

**Jan Reimer**

Mayor, The City of Edmonton

"It was said by Seneca (referring to Paul Davenport), 'It is quality rather than quantity that matters'."

**Sandy A Mactaggart**

Chancellor

"He impressed me with his willingness to risk the status quo with quality. Others with less vision would have chosen status quo. In the year 2005, even his doubters will say 'Thank you, Dr Davenport'."

**John T Ferguson**

Chair, Board of Governors

"His competence is outdone only by his infectious laugh. Il est le parfait gentilhomme."

**Louis A Desrochers**

former Chancellor

"Paul's gift to the U of A has been a vision of greatness. He has led through example - integrity, focus, hard work, nerve, and an unwavering commitment to excellence. His mind is always actively engaged - listening, thinking, critically analyzing - until he gets it right."

**Martha Piper**

Vice-President (Research)

"Paul has brought so much to the University of Alberta:

- "Courage. I have never known him to back away from a course of action that he believed was good for the University."
- "Enthusiasm. For those of us who had the honour of serving on his team his enthusiasm for making the U of A 'The Best' was truly infectious."
- "Drive. When you wake up at 5:00 am on a Sunday morning and log on to the com-

puter only to discover the Boss is already up and sending you E-mail messages - what more can I say?"

**W John McDonald**

Vice-President (Academic)

"People observe that his car is parked outside University Hall day and night. I happen to know that it's a cardboard replica. His chauffeur drops him off every day at 10:00 am and picks him up at 3:00 p.m!"

**Glenn Harris**

Vice-President (Finance and Administration)

"Oh, Lord! If you but knew what a brimstone of a creature I am behind all this beautiful amiability." (Jane Carlyle, 1836)

**Lois Stanford**

Vice-President (Student and Academic Services)

"Prodigious worker. Clear and incisive thinker. Courageous decision-maker and leader."

**John McConnell**

Vice-President (Development and Community Affairs)

"Great spirits have always encountered violent opposition from mediocre minds."  
(Albert Einstein). Thanks for the memories.

**Ray Lemieux**

"A pathbreaking leader, Paul Davenport dares to mow down fences. His efforts have expanded this University, its fields of knowledge, and our horizons."

**Randy Boissonnault**

Students' Union President (1992-93)

"Paul Davenport came and gave us leadership - he helped us see what we could be."

**Dick Peter**

Dean of Science

"I know Paul Davenport as a kind of neighbour who reached out with compassion and friendliness,

"I know him as a colleague who, when beleaguered, stood among us with courage and dignity,

"I know him as a friend, a young man gifted with wisdom far beyond his years,

We shall miss the light that often burned late into the night."

**Mary Lobay**



Photo Services

Paul Davenport enjoys a laugh at a farewell held in his honour last Friday as his wife, Josette, examines the program booklet prepared for the occasion.

John and Pat Schlosser, Tevie and Arliss Miller, Louis and Marcelle Desrochers, Dennis and Doreen Erker, Francis and Harriet Winspear, Suresh Mustapha, Randy Boissonnault, Gloria Ford, Ellen Schoeck, Gene Lechelt, Ray Lemieux, Juliet and Rowland McMaster, David Schindler, Peter Smy, Lorne Tyrrell, the Vice-Presidents, the Deans. It didn't work. The names kept coming and coming, in a flood of memories of all the people who have given me advice and new ideas, who have inspired me through their own commitment to excellence and to the University. There is no way to order those names or to produce anything but a hopelessly partial list.

But thank goodness **you** know who you are, and what is vital is that you be aware of the profound gratitude that Josette and I feel toward each one of you. You welcomed us into your hearts and your homes five years ago, you guided and supported me at the University as we faced the harsh budgetary realities of the 1990's, you worked to establish the University's national leadership in

using selective budgetary choices to support our academic priorities. You worked to make a reality of those principles set down in our **Degrees of Freedom** strategic plan: excellence, selectivity, accountability. You also reacted to the events of last summer with a courage and integrity that I will never forget.

You will forgive me if I pay special tribute to the team that I have worked with over the last several years. First and foremost the Vice-Presidents: John McDonald, Martha Piper, Lois Stanford, Glenn Harris, and John McConnell, who have shown an extraordinary commitment to the University and to me during a period when together we faced severe budgetary restraint combined with periodic challenges to our authority. Their remarkable performance under difficult pressures will serve as an example to me long into the future. In that respect, they should stand here for all those at the University with whom I have worked over the last five years: the faculty, staff, and students who have been so generous with their time, their advice, and their commitment.

Two weeks ago my daughter Leslie danced in the province-wide competitions at SUB and won a gold medal, as did one of her best friends. After a celebratory dinner with the two families, I found myself in a half joyous, half melancholy mood, driving to the international airport at 10:30 to catch an overnight flight to Ottawa. As is my wont, I took the country roads south of Ellerslie, which are largely unpaved and go through peaceful flat farming country with an occasional home or church.

I stopped at an intersection and found myself staring at the twilight in the west. And I realized that the big sky, so strange and wonderful five years ago, had become my sky, that the area under that sky had become my home, and that I was going to miss the big sky, and the beauty of the river valleys and the mountains of Alberta. More painfully, I understood then as never before that I was going to miss most of all the people who live under the big sky, those who are here today and so many others, people who befriended me and my family five years ago, who have worked with me through the good times and the bad to help build and shape the University of Alberta.

Those who live under the big sky are a bold and resourceful people, confident in the future, willing to take risks and work hard, and committed to caring for the less fortunate in our society. Don't ever lose those qualities, and don't ever forget your friend Paul, who will be thinking of you from his new home in the east. I will miss you, each and every one.

## Davenport bids farewell

As you can well imagine, I am more than somewhat at a loss for words. I am deeply touched by the attendance here today of so many dear friends, by the kind things said about me, by the memories of the good times and hard times that have welled up inside of me at the words of each of our speakers. My response will be chaotic, but it will come from the heart.

It has been my great pleasure and honor to serve as your President over the last five years. I have been able to commit myself wholeheartedly to an institution and to values I believe in profoundly, and to work among people who share my beliefs. No person can ask for anything more.

I am here today with my family: my wife Josette, and our children, Eric, Leslie, and Audrey. As I look back over the last five years, my most profound regret is the time I could not spend with them, my most profound gratitude is for their understanding and encouragement. The greatest burden has been carried by Josette, and to her I express my heartfelt thanks. Eric will begin University next year in Ontario or Montreal, and Leslie may well pursue her ballet career in Montreal. Audrey was suggesting last weekend, to her father's delight, that after arriving in London she may take up serious training in basketball.

To express my gratitude to those outside my family, I thought at first of trying to thank individually the people at the University and in the community who recruited me and have worked with me over the last five years:

*Sir Frederick Banting, the discoverer of insulin, once said, "I am a firm believer in the theory that you can do or be anything that you wish in this world, within reason, if you are prepared to make the sacrifices, think and work hard enough and long enough."*

*This dedicated scientist lived by that credo and eventually received the Nobel Prize for his efforts.*

*Graduates who receive their degrees next week during the University of Alberta's Spring Convocation ceremonies likely wouldn't quarrel with Banting's views. They, too, have made sacrifices, thought and worked hard enough and long enough to earn their degrees.*

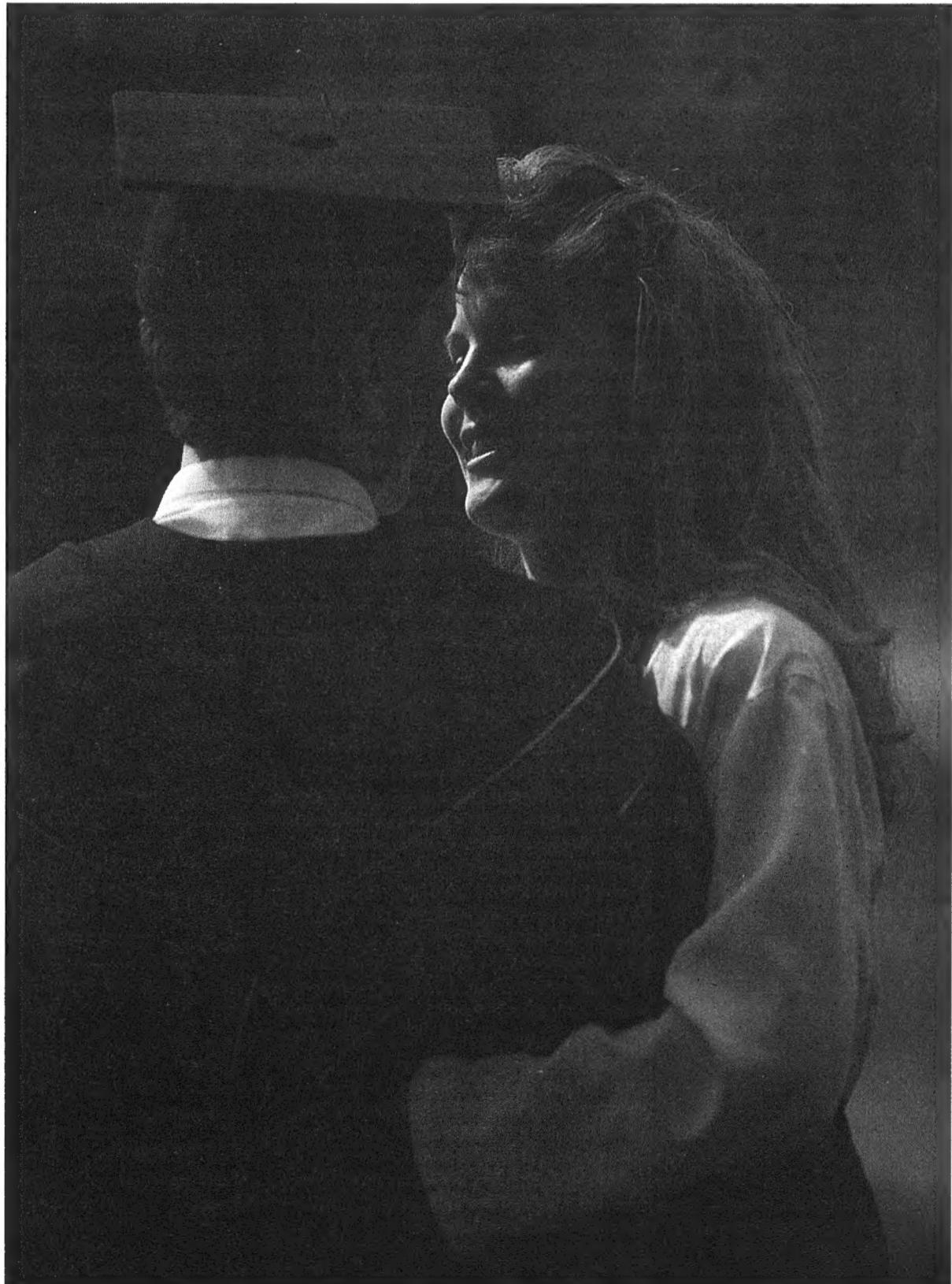
*But Banting wasn't content to rest on his laurels. "It is not within the properly constructed human mind to be satisfied," he said. "Progress would cease if this were the case. The greatest joy of life is to accomplish. It is the getting, not the having. It is the giving, not the keeping."*

*Congratulations, graduands! May the greatest joy in your lives – as it was for Banting – be in the accomplishing, the getting and the giving.*

# FOLIO

SPRING CONVOCATION 1994

## Except by hard work...



University  
of  
Alberta

# Aboriginal law students say Faculty listened to their concerns

First graduates of program hope they've left a legacy of inclusiveness

By Michael Robb

ABORIGINAL law students learn about some of the very laws Canadian society has used to discriminate against them. And that isn't always easy.

"For the first year and a half, it didn't bother me. I was just anxious to get through law school," says Carolyn Buffalo, a Cree from Hobbema and one of six aboriginal law students who will convocate this spring. During her high school and undergraduate studies, Buffalo simply learned what was in front of her and tolerated the fact that aboriginal issues were invisible, simply not part of the curriculum.

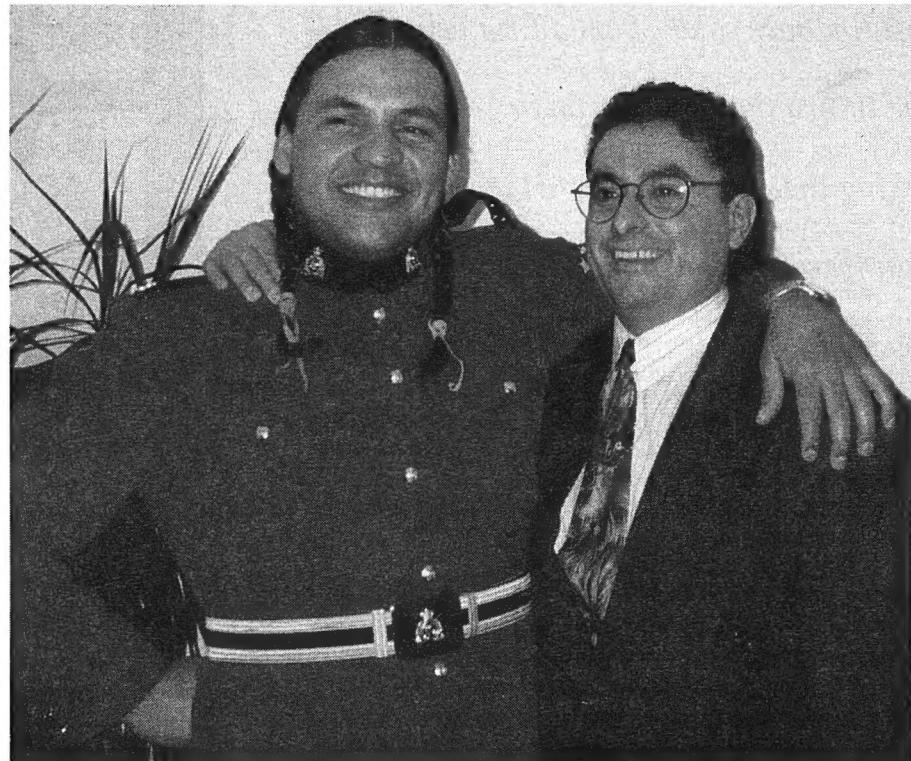
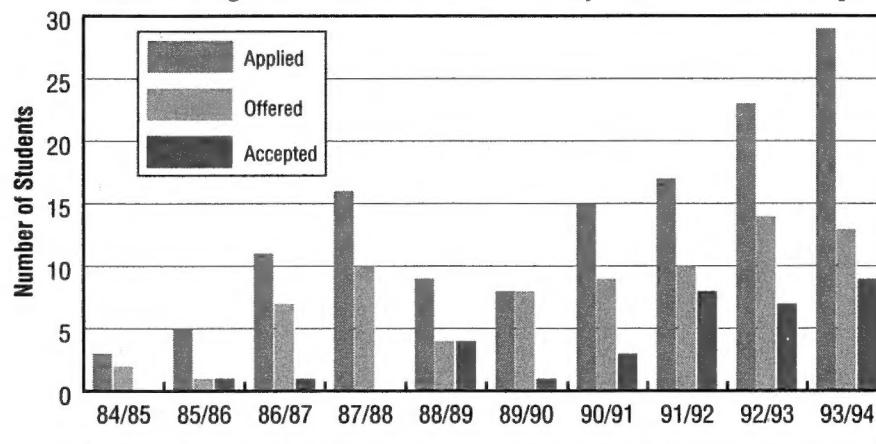
Metis Troy Chalifoux says that first- and second-year law courses, in particular, lack aboriginal perspectives, but in retrospect they are building blocks. "These are the tools we'll use to make changes."

Metis Brad Enge, on leave from the RCMP in order to do his law degree, says, "What I needed was an education to understand how and why these laws were created. I've begun to realize that there's a big distinction between law and justice. They're distant cousins. As a constable, Enge has watched disproportionate numbers of aboriginal people jailed by the legal system. All three students feel they're better prepared to challenge some of the assumptions upon which that system is based.

Enge, Chalifoux and Buffalo are among a growing number of aboriginal law students and professors who have managed to push aboriginal perspectives about law and justice onto the law school's agenda. And they say the school is the better for it.

Aboriginal perspectives are being incorporated – albeit slowly – in more and more courses, they say. Aboriginal students have had the unequivocal support of the Dean, Tim Christian, and past Acting Dean, Anne McLellan. "We were encouraged to submit our concerns," explains Enge. The door was always open, adds Chalifoux. And students and faculty members supported aboriginal students' desire to form the aboriginal students' association, a body that Dean Christian credits with making a significant impact on students and staff.

One of the Faculty's most important initiatives, the creation of the Indigenous Law Program, under the direction of Larry Chartrand, was an impor-



Brad Enge, left, on leave from the Royal Canadian Mounted Police, and classmate Troy Chalifoux, convocate this year.

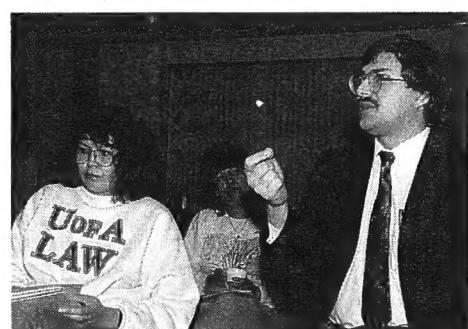
tant step in demonstrating its desire to be more inclusive, say its supporters. Furthermore, when the law school initiated its perspectives days program, two days were devoted to the study of aboriginal law issues.

Aboriginal law students have also touched the lives of their nonaboriginal classmates. "They find out that we're not that much different. There's a lot of commonalities," says Enge.

"We have the same goals, ambitions and dreams as they have; they benefit when we speak out in class," adds Chalifoux, his classmates would often say, "I never thought a lot about that particular aspect." And when aboriginal students remained silent during debates, nonaboriginal students would want to know why. Professors, as well, would sometimes ask aboriginal students whether they were satisfied with the way material dealing with aboriginal issues was presented.

The aboriginal students hope they're only the first of a legacy of inclusiveness. "I think we've laid the foundation for aboriginal students to come," says Buffalo. "I've noticed a profound change since I started. I felt isolated at first, now we're a family."

"We're all very proud of the program," Dean Christian declares. We believe it will have a significant impact on Alberta. If eight to 10 aboriginal lawyers graduate each year, in 10 years there'll be 80 to 100 aboriginal lawyers in the province. They'll take significant leadership roles in law and politics."



Carolyn Buffalo and Indigenous Law Program Director Larry Chartrand explain the program to aboriginal students.

TINA Dion is off to Geneva this summer. The Native Studies student has been awarded an internship with the United Nations' Centre for Human Rights. She'll be seconded to the UN's working group for indigenous populations, which is working on a declaration for the rights of indigenous peoples.

TINA Dion is off to Geneva this summer.

The Native Studies student has been awarded an internship with the United Nations' Centre for Human Rights. She'll be seconded to the UN's working group for indigenous populations, which is working on a declaration for the rights of indigenous peoples.

This summer, several hundred indigenous people, and representatives from governments, nongovernmental agencies and other organizations will be gathering to plan for the International Decade of Indigenous Populations, 1995-2005.

The 26-year-old native student from the Long Lake Cree Nation, formerly Kehewin, is no stranger to the international scene. In 1992, she participated in a student exchange with an Australian university. "I feel really fortunate to have gotten the most out of my education here," says Dion, who will graduate this spring and who plans to study law in the fall.

Dion says it's important that the University of Alberta not get left behind other institutions' efforts on the international scene. "It's important to carry the good name of the University of Alberta out there and to gain that international experience. People are saying that's where the action is." Dion did not follow a typical four-year pattern of study. Administrators, fellow students and professors had to make some allowances, she points out, and for that she is enormously grateful. "Over the years, the professors have been really helpful."

The University's International Affairs Office has kicked in \$1,000 to help Dion defer expenses; she is also raising additional funding over the next several weeks. As well, the Office of Human Rights was instrumental in gathering donations from various offices and departments on campus to help her meet costs.



Tina Dion is Geneva-bound.

## Native Studies student will work for UN this summer

Tina Dion says her University has been very supportive over the years

By Michael Robb

## Convocation schedule

### ◆ MONDAY, 6 JUNE, 2 PM

Students from Arts and the School of Native Studies convocate  
*Honorary degree recipient: Dr Paul Davenport*

### ◆ TUESDAY, 7 JUNE, 2 PM

Students from Engineering and Business convocate  
*Honorary degree recipient: Mr David McLean*

### ◆ WEDNESDAY, 8 JUNE, 2 PM

Students from Education convocate  
*Honorary degree recipient: Mrs Dasha Goody*

### ◆ THURSDAY, 9 JUNE, 2 PM

Students from Graduate Studies and Research, Medicine, Medical Laboratory Science, and Pharmacy and Pharmaceutical Sciences convocate  
*Honorary degree recipient: Dr Frank Elliott*

### ◆ FRIDAY, 10 JUNE, 2 PM

Students from Dentistry, Agriculture and Forestry and Home Economics, Nursing, Rehabilitation Medicine, and Faculté Saint-Jean convocate

Installation of Chancellor-elect Mr Louis Hyndman

### ◆ MONDAY, 13 JUNE, 2 PM

Students from Science, Law, and Physical Education and Recreation convocate

*Honorary degree recipient: The Right Honourable Ramon John Hnatyshyn*

## Emily faces retirement with new BA

By Elsa Roehr

**I**T is never too late to be what you might have been," said writer George Eliot. That line was meant for people like Emily Rowan. The 68-year-old grandmother is graduating with a BA in Slavic Languages this Convocation.

"I've always had an inquisitive mind," Emily says. "I always had it in the back of my mind that I wanted to do it (go to university)."

She never had the opportunity in her youth. Emily first went to a rural school between 1933 and 1940. In rural communities at that time, girls were expected to "only" become wives and mothers. "I'm not a feminist, but that always bothered me ... only a mother," says Emily. When she was widowed in 1969, she thought about university, but decided her priority was to educate her five children instead. So, with an upgrading course, she went to work in the medical records department of the Cross Cancer Institute. All five of her children attended the University of Alberta.

When she retired in 1988 at age 62, Emily spent a year at home "cleaning out closets, doing the things retired people do." She decided that, with another 20 years of living ahead of her, she could be doing more. Now was the time to go to university herself.

Emily chuckles when she recalls her first visit to the Registrar's office: "They wanted transcripts. I told the girl, 'My dear, I went to school in the 1930s; I don't think they had been invented yet.' In any case, I had no high school. But I asked to talk to someone." Louise Taylor, Assistant Registrar, interviewed Emily. An entrance exam later, she was on her way.

It was a full-time load for five years. The work was hard, and her Slavic background was no real help. "It is wrong to say I knew the languages. I could understand some of it," she says. But her children coached her at home, and her professors were helpful, motivating and energizing. "I thoroughly enjoyed it," Emily says. She especially enjoyed her core subjects. "I just found the core subjects so interesting. I always knew a little bit about a lot of things; now I know more."

She got along well with her younger classmates. "I was always treated respectfully. They invited me to some of their parties, although I used to smile to myself when I was introduced. I'm sure some of them didn't realize at first I was a student; they thought I was a teacher because of my age."

When Emily turned 65, her tuition fees were waived. "I appreciated that," Emily comments. That appreciation is helping her decide what to do with her new degree – volunteer in adult education. "There are a lot of émigrés, especially women, who find English difficult. I want to serve the community, maybe as a tutor," she says.

## Convocation notes...

◆ The University of Alberta wants to know what its graduates think about the quality of their education. This year, it will be distributing its graduate survey to about 5,000 students who convocate in the next few days. The survey, first conducted in 1992, is used to determine where the University is doing a good job, where it's not and how improvements can be made.

◆ The Deputy Minister of Indian and Northern Affairs, Dan Goodleaf, is expected to attend this convocation to witness a happy event in the history of the Faculty of Law. Six aboriginal students who were recruited through the Faculty's Indigenous Law Program will convocate.

◆ For the first time, Nursing graduates who earned their degrees while studying at Red Deer College will convocate with University of Alberta degrees. The graduates were participants in the U of A/Red Deer College collaborative nursing program, a program which allows students at Red Deer College to earn their BScN degrees off-campus. Some of the Red Deer College nursing faculty are expected to be members of the platform party.

◆ This year, the Faculty of Engineering will celebrate the completion of BSc degree programs by 426 engineering students. That's a record number in its history.

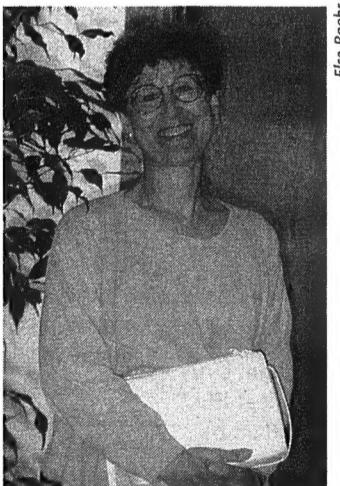
◆ Kathy Tachynski will soon receive her BSc in Home Economics with a major in Foods and Nutrition. She shared her interest and enthusiasm with her twin sister Patty Tachynski, who received her degree in the same discipline and major at convocation last November. After completing their one-year internships at the U of A Hospitals next fall, they will both become registered dieticians.



**BA recipient Emily Rowan has her sights set on volunteer work in adult education.**

## Employee now a grad

By Elsa Roehr



**Audrey Bell-Hiller, the proud possessor of a BA, was motivated by the love of learning.**

FOR Audrey Bell-Hiller, working at the University of Alberta was the real motivation, and the real opportunity, to learn.

Audrey is an Administrative Professional Officer (APO) in Political Science. She's also a wife and mother of four. Now, Audrey has added a new title to the list: Bachelor of Arts (History).

"I can't tell you how fortunate I feel to be able to do this," she said. "It has taken a long time; I hate to say how long. Working full-time meant I had to take my entire course load on a part-time basis." That meant taking courses in the evenings or late afternoons. "I enjoyed all my courses immensely," she says before acknowledging that, "There were probably one or two that I could have done without ... some of the compulsory courses."

Audrey credits the academic staff with making her time as a student such a positive learning experience. "I believe one of the reasons I enjoyed my courses so much is because we have so many good professors here at the University," she said.

It was harder in the beginning, when Audrey was a single mother in addition to working at her job and on her degree. Things got easier when she married Tom Hiller. "He's been a great help to me," she said.

Audrey feels that, with downsizing on campus, the new degree may not translate into new employment opportunities. Her real motivation was the love of learning. "I always felt when I completed Grade 12 that I didn't really have a good education – there was so much more that I wanted to learn."

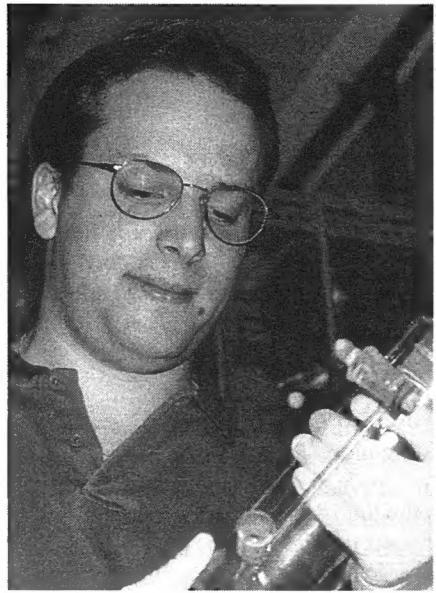
Audrey notes that many people say they are going to do something in the indefinite someday. "I said it for years," she admits. "I finally made it happen."

What are her plans now she finally has her degree? "I'll probably always take some courses in some capacity ... after I have a break," she laughs.

# Chemistry student earns straight nines

**Jason Cooke plans to pursue graduate studies here**

By Michael Robb



**Jason Cooke found the honors chemistry program tough but rewarding.**

**I**N high school, you're taught. In university, you learn. That's the fundamental difference between the two institutions, honors chemistry student Jason Cooke says. At the University of Alberta, much more of the responsibility for learning rests with the student, a fact that suited the 22-year-old St. Albert student just fine.

The recipient of the Lieutenant-Governor's Gold Medal, the Faculty of Science's most prestigious award for outstanding academic achievements – he earned straight nines this year – says his first year was a challenge. On the nine-point scale he earned an 8.6. But in second year, he "recovered" and earned an 8.9.

It wasn't a revelation, however, for Cooke to learn that hard work pays off. "In our family, we have always been encouraged to do our best in whatever we do," says Cooke, who has a brother in the physiotherapy program and a sister who is graduating from high school this year and who has applied to the U of A. All the junior Cookes, it seems, are intent on emulating their father, who earned an MEd here.

With funding from the Natural Sciences and Engineering Research Council, Cooke spent two summers working in Chemistry Professor Joe Takats' laboratory. It was in that environment he learned to love chemistry and began to appreciate the value of doing research. He found the experience invigorating; the more chemistry courses he took, the more he enjoyed the subject.

"I had a really good experience at the U of A. The Department of Chemistry's honors program is tough, but at the same time it is rewarding. The degree is also seen by many as one of the better ones around."

Graduate studies is on Cooke's agenda; he's enrolled in the master's chemistry program at the U of A. Earning a PhD is a possibility, and then it's off to either the world of academe or industry. Positions in each sphere are currently few and far between, Cooke points out, so for now he's content to explore more deeply the realm of chemistry.

# Davenport one of five honorary degree recipients

By Folio staff

**P**AUL Davenport, who will be awarded an honorary Doctor of Laws degree, became the University of Alberta's 10th President on 1 August 1989. During his five years in office, Dr Davenport and the University of Alberta have become acknowledged as national leaders in making difficult selective budgetary decisions in order to preserve excellence with limited resources. The University's strategic plan, *Degrees of Freedom*, approved by General Faculties Council and the Board of Governors in November 1993, sets out a vision for the University to the year 2005 as "the leading Canadian university and a major international university in a select number of teaching and research areas."

Frank Elliott is a specialist in internal medicine who has practised in Edmonton for the past 48 years. A graduate of the University of Alberta, he received the Mosher Memorial Medal for the highest marks in medicine in his graduating year.

Dr Elliott studied at the Mayo Clinic and during World War Two, was a medical officer in the Royal Canadian Navy. In 1946, the year in which he began his medical practise in Edmonton, Dr Elliott joined the Department of Medicine on a part-time basis and maintained a teaching affiliation with the Faculty of Medicine for more than 30 years.

He will be awarded an honorary Doctor of Laws degree.

Dasha Goody's name is synonymous with the local theatre scene. In a career that's exceeded 40 years, she has been vocal coach and musical consultant to hundreds of students. In 1977, she founded and is still artistic director and master vocal instructor for the Edmonton Musical Theatre, a group dedicated to the training and development of promising young talent in the musical arts sphere.

The soon-to-be honorary Doctor of Letters was a part-time instructor of vocal and performing skills at Grant MacEwan Community College, a music/drama producer and a vocalist with CBC Edmonton, a music director at CHQT and a producer/writer at CHED.

Ray Hnatyshyn is the 24th Governor General since Confederation and the seventh Canadian to hold the office.

A native of Saskatoon and a graduate of the University of Saskatchewan, he was called to the Saskatchewan Bar in 1957 and the Ontario Bar in 1986. Elected a Member of Parliament in 1974, he subsequently attained a number of senior posts, includ-

# Importance of good communications can't be overstated, Engineering graduand says

**Victor Yung's involvement with hybrid electric vehicle project taught him management skills**

By Michael Robb

**D**URING his several years at the University of Alberta, Mechanical Engineering student Victor Yung earned his share of prestigious scholarships – a Canada Scholarship, Shell Scholarship and Louise McKinney Scholarship, to name a few. But that is far from the whole story.

The 22-year-old cooperative education student got involved in what turned out to be a momentous student project: the designing and building of a vehicle which runs on both gasoline and electricity. The U of A's entry

won the Ford Motor Company's hybrid electric vehicle challenge, a North America-wide competition.

Yung discovered, through that involvement, that there is more to engineering school than just good grades. "I learned administration and communication skills that go well beyond academics. Half of the challenge [in the HEV project] was to organize people and tasks, learn how to work together as a team and do the most important things first.

"No one knew the 'right way.' We had to figure out what worked and what didn't."

Yung didn't realize when he first started engineering studies just how important those tasks would become.



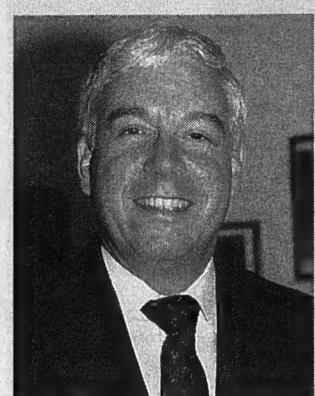
**Mechanical engineering graduand Victor Yung says his involvement with the HEV (hybrid electric vehicle) project taught him a great deal.**

And during his cooperative education work placements with four separate companies, the strong proponent of the Engineering Faculty's cooperative education program realized that in the work world "you deal with a whole range of people, not just engineers, who have different points of view." The challenge, he says, is to find some common ground and solutions to problems.

Yung figures those skills will stand him in good stead in whatever he does. He's considering the idea of applying for a Churchill Scholarship to pursue a PhD at Cambridge in the fall of '95. It's a choice many of his bright U of A student and staff predecessors have taken as well. Meanwhile, he wants to find a job and take courses that will prepare him for his doctoral studies.

His desire to enroll in graduate studies stems in part from his undergraduate experiences. "I feel I've become an enlightened person. University influenced my thinking a lot, and taught me new ways to look at life." Another factor is the Yung family's long-standing educational ethos. "Our parents, who have a small business, have always supported us," says Yung, whose older brother went to Grant MacEwan Community College. Another brother went to the U of A's business school and a younger sister just finished first-year engineering here.

Yung leaves his alma mater with few complaints. He may have grumbled about the first-year workload, but now believes it was probably necessary. Perhaps the regular program could be extended by a year, he suggests, but the exposure to a variety of courses is a good thing in the long run. Electives are vital, he says, and he would not like to see them eliminated. And given engineering schools' relationships with industry, the more general education probably suits students who aren't being trained for specific jobs.



**Paul Davenport**

**Frank Elliott**

**Dasha Goody**



**The Rt Hon Ray Hnatyshyn**



**David McLean**

ing Minister of Justice and Attorney General of Canada, Government House Leader, president of the Queen's Privy Council for Canada, and Minister of State for Science and Technology.

His Excellency holds 11 honorary degrees from Canadian postsecondary institutions. Number 12, from the U of A, will be an honorary Doctor of Laws.

David McLean, who will be awarded an honorary Doctor of Laws degree, is Chair and CEO of the McLean Group of Companies based in Vancouver. An alumnus of the U of A ('59 BA, '62 LLB), he has served as Chair of the Board of Governors at the University of British Columbia and of Westech Information Systems Inc.

He currently chairs the Centre for North American Business Studies at Simon Fraser University, sits on the advisory board of the Institute of Canadian Studies at the University of California, at Berkeley, and is a Fellow of the Foundation for Legal Research in Canada. The former chair of the Canadian Chamber of Commerce and Vancouver Board of Trade, McLean was recently inducted into the U of A's Alumni Wall of Recognition. (Photo credit: Williams Bros. Photographers Ltd.)

## Willie deWit applies ring lessons to law studies

*Olympic silver medalist will article in Calgary*

By Michael Robb

WILLIE deWit's former trainer, Harry Snatic, used to tell the young fighter that one of the most important skills the fight game would teach him was how to "suck it up when you had to." That piece of advice served deWit well for the last three years, as the former Canadian amateur heavyweight champion worked towards his law degree.

"Things aren't always going to go your way," says the 32-year-old. "But my parents and boxing taught me that if you work hard you'll eventually be rewarded. Success is 95 percent perspiration and five percent brains."

A strong work ethic propelled the young Grande Prairie man to the upper ranks of the amateur boxing world in the early '80s. Three times he won the country's amateur title. He was North American and world amateur champion for one year. In 1982, he pounded his way to the Commonwealth Games title.

For the past five years, deWit has switched the focus of that work ethic to books, papers and exams. For the first two years, he took primarily arts courses at Grande Prairie Regional College, then transferred to the U of A's Faculty of Law.

Pursuing an education was always in the back of his mind, but, he says, after graduating from high school in 1979 events snowballed and he found himself piling up victory after victory, moving ever closer to the top of the world's amateur boxing ranks. His career peaked in 1984 when, at the Olympic Games in Los Angeles, he was awarded a silver medal. After a stint in the pro ranks, deWit hung up his gloves, deciding that he wasn't going to risk getting hurt. "I wanted to get out before it was too late."

However, he discovered that waking up and realizing he had an exam that morning wasn't quite as intense a feeling as waking up and realizing he had an important fight that day. He treated the law school experience much like a job. "After classes I would go home to my family," he says, explaining that without his wife, Suzan, he couldn't have done it. The couple have four children, so there wasn't a lot of time for social activities.

"Law school broadened my horizons and exposed me to all sorts of different views. Everything's here. It also made me realize that people can hold different views and not have to be mortal enemies," he says.

deWit plans to article with the courts in Calgary for 10 months, then with a law firm for five months. He doesn't know at this point in what area of the law he will specialize. Meantime, the family is building a home in Calgary, and deWit is toying with the idea of getting into coaching. He remains an advocate for the sport he loves.

"I'm an advocate for people doing what they want to do."



**Former Canadian amateur boxing champion Willie deWit convokes next week with a law degree.**

You are all welcome to attend

## A GARDEN PARTY

to say farewell to

**Chancellor Mactaggart**

at the end of his term

Alumni House

Tuesday, 14 June 1994

3-6 pm

(Program at 3:30 pm)

## Degree of the circuitous variety

By Sandra Halme

and worked full-time on campus. All of this by choice, she adds, without regret.

"Everything just fell into place," says June, "none of it was premeditated, it just felt right."

Her association with the University dates back to 1970 when she began working in the Purchasing Department. She moved to the Faculty of Engineering shortly after and it was there that she first thought about enrolling at the U of A. The then Dean of Engineering, George Ford, encouraged her to consider taking University courses and personally supported her registration. Before she knew it, she had a student ID card listing her Faculty as Engineering, "Although I was enrolled in Engineering, I took courses outside the Faculty," explains June, adding that "Dean Ford said, 'Just get enrolled and then you can do what you want.' So I did."

Not taking a conventional route to anything, June's arrival at this stage in her life came in a somewhat circuitous form. A native of Capetown, South Africa, she was living in London when she met her future husband,

a Canadian. He suggested she visit Canada and, being one who's always up for challenge, she did – first living in Montreal (with his parents, whom she'd never met before), then Edmonton, along with a short stay in Vancouver, then a stint back in South Africa before returning to Edmonton to set up permanent residence.

So why did it take her the better part of 22 years to finish her degree? "Every course I took fit into my life. My children are the number one priority and everything else came after them." June also admits that "for a long time I only took courses that interested me instead of the prerequisites. My intention was never to get a degree in order to get a job, it was purely for personal satisfaction and experience." What this meant, however, was that during the last two years she's had to concentrate full-time on her studies.

Mrs Hole would eventually like to teach although she's still a couple of courses short for her teaching certificate (she intends to complete the required courses). Until she does, June Hole can add to her already full and active life list of mother, wife and competitive athlete, the proud accomplishment of graduate.

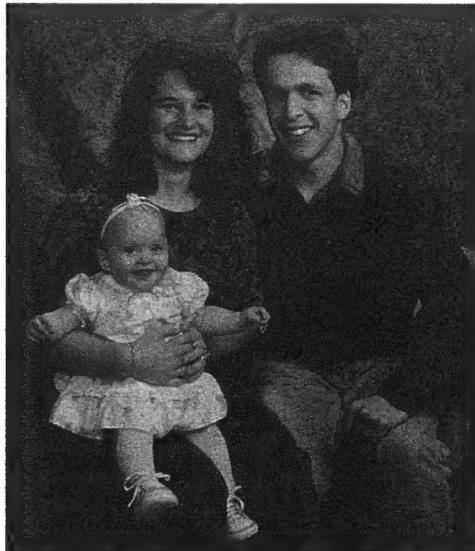


June Hole: always up for a challenge.

Sandra Halme

## A match made in the Physical Therapy Department

By Dinah Gray



Jostens Canada Ltd

Mary and Sam Bazzarelli, graduands of the Class of 1994 in the Department of Physical Therapy, and their daughter Gina.

about a career in the medical field. After attending a career fair where she met with physical therapists, she knew she had found the right program.

When classes started in the fall of 1990, Mary was adjusting to living away from home and the experience of university life. Sam had made those adjustments while spending two years working towards a business degree at the U of A. He knew he wanted something other than a business career and had met with several physical therapists and had decided to switch programs.

Looking back, neither have any regrets about their choices. From the beginning of the program they had the sense they were being well trained by a group of professors who were reassuring and friendly, says Sam. The paths they took may be very different, but now Mary and Sam are set to embark on careers where they will focus on the outpatient orthopedics side of physical therapy.

When they are not busy taking care of their daughters or taking in or participating in a sporting event, they are job hunting. For Mary and Sam and many of their classmates the job market in western Canada is rather bleak. Hopefully, that will improve in few years, says Mary. In the meantime, they are fairly sure they will work in the United States.

Whatever the future holds Mary and Sam know they are well prepared for the work ahead. That is another advantage of being a member of the Class of 1994 in physical therapy.

## Barbara Chipeur is ending a double life

By Elsa Roehr

"IT was like two different lives," says the mother of two about her four years in the Faculty of Dentistry. "I had my school life, and my home life."

When Barbara Chipeur (BEd '82) decided to come back to the U of A, her eldest daughter was only five years old; her youngest, only 15 months. "I had no time to socialize at all in the first and second years," she recalls. "The last two years were long days. With the clinic, I was out of the house about a quarter after 7 and didn't get home 'till about 6."

Barbara had taught school for a while, then taken time out to have a family. When she returned to University, there was about a ten-year difference between her and most of her classmates. "No other women were even married," she chuckles. But it didn't seem to make a difference. "They were a very friendly class."

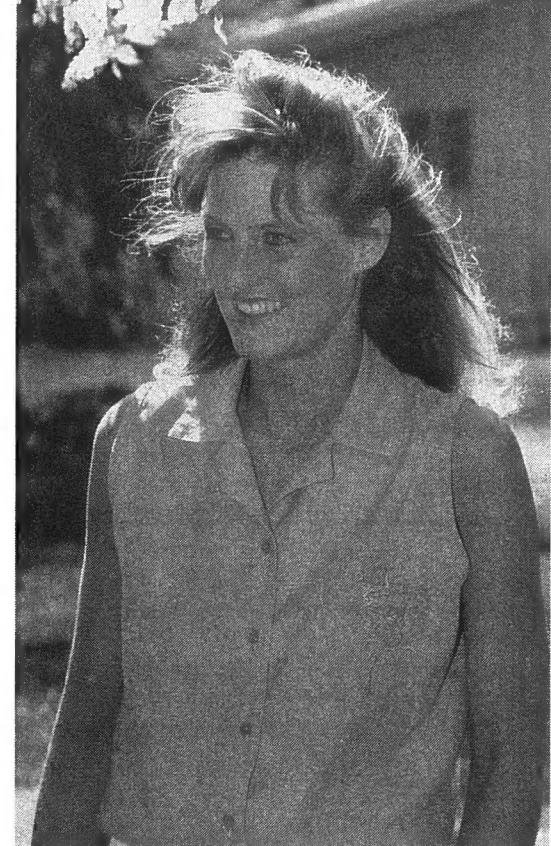
And there were advantages to being a mature student. "Being away gave me a perspective," says Barbara. "I was more questioning; I didn't necessarily accept everything. I was on the other side of the desk for a while, so you really know that instructors are people, too."

Barbara was one of 12 fourth-year students selected for an integrated clinic pilot program. In the regular clinic, each student works in one particular discipline at a time. A patient might see four students, each for a different procedure. The integrated clinic allowed students to meet a patient's needs with up to four different procedures, including billing and insurance claims.

The change makes the clinical training more like private practice.

"It was a wonderful experience," says Barbara. "Most people can't wait to finish their fourth year. I'm almost sad to leave."

The family is moving to Calgary. Barbara is buying a practice there, and her husband, a lawyer, will be closer to most of his clients. Barbara looks forward to the recreational opportunities. "Drive outside of Edmonton and you're in a field," she pointed out. "Drive outside of Calgary, you're in the mountains."



Barbara Chipeur will soon be putting her dental training to good use in Calgary.

Photo Services



Michael Robb

Rhodes Scholars Jasmine El-Nahhas and Randy Boissonault.

## Two students will continue their studies at Oxford

**Randy Boissonault and Jasmine El-Nahhas made a real difference on campus**

By Michael Robb

**G**REAT men theorists of history would write about the University of Alberta through the eyes of its presidents, vice-presidents and administrators. Another approach would have us write that history through the eyes of students.

Two individuals who would figure largely in the second approach would be Randy Boissonault and Jasmine El-Nahhas. Boissonault, an Etude canadienne student, and El-Nahhas, an honours political science student, have been awarded Rhodes Scholarships to study at Oxford University in the fall.

The scholarships are given to students who, in addition to exhibiting scholarly excellence and hard work, must demonstrate courage, truthfulness, fondness for outdoor sports, instincts to lead, kindliness, sympathy for the weak, fellowship and unselfishness.

Fellow students and staff say both graduands made a real difference in the lives of their fellow students. The International Centre's Doug Weir, for example, says El-Nahhas' commitment to sharing her own experiences and knowledge with others in the community is outstanding. "That's where she really shines."

Faculté Saint-Jean Dean Jean-Antoine Bour says Boissonault has been an inspiring presence to his peers. "Randy has struck a balance between scholarly and nonscholarly activities. He's the kind of person who leaves positive traces of his passage."

Both students, says President Paul Davenport, "have accomplished so much in their academic lives and contributed so much in volunteer activities to the University and to the greater community."

Although both students are extremely confident in what they believe, they're also very open-minded, willing to listen to all sides of an argument. El-Nahhas says in order to be very involved in society, you have to be somebody who doesn't believe you've got a monopoly on the truth. "You may have a very rational ideology about the way things should work – but you may be wrong."

Boissonault served as Students' Union president in 1992, chaired the Gold Key Society, was a member of the Kappa Alpha Literary Society and the University Senate and served in Ottawa as a parliamentary guide in 1990. El-Nahhas served as president of the World University Service of Canada student refugee support committee, was counsellor for the crisis intervention line of the Edmonton Sexual Assault Centre and worked with the Edmonton Immigrant Services and Centre for International Alternatives. Both felt duty-bound to make life better for fellow students.

Receiving the scholarship is nice, says El-Nahhas, but it's what you do with it that will benefit others that's important. Boissonault holds that Rhodes Scholars are really the sum of their experiences and the people who have helped them over time.

Both lay much of the credit for their accomplishments at their alma mater's doorstep. "I wouldn't be here without the International Centre, the Department of Political Science and the entire University," says El-Nahhas. Adds Boissonault, "Despite the financial situation the University finds itself in, it's clear to me that it still provides a lot of opportunities for its students. We're creations of these organizations that we've participated in."

## Exploring the realm of black holes

**Patrick Brady earns his PhD under the tutelage of Werner Israel**

By Michael Robb

**W**HEN Patrick Brady isn't trying to understand gravity, he's trying to defy it. Brady, who earned his PhD this year under the tutelage of renowned University of Alberta physicist, Werner Israel, loves to rock climb and kayak.

But when the outstanding student isn't climbing rock faces, paddling a canoe or kayak, tramping around caves or hiking, chances are he's peering into black holes, strange astronomical bodies with high gravitational fields from which neither particles nor photons can escape.

Dr Israel, a leading authority on black holes, says Brady, an Irish citizen who is now a research associate at the University of Newcastle, was an outstanding student. Last year, he was awarded two of the University's most prestigious awards, the Izaak Walton Killam Memorial Scholarship and the Andrew Stewart Memorial Prize. In 1990, he received a PhD Recruitment Scholarship from the U of A.

The awards were of secondary importance, however, to most physicists around the world who study general relativity. "Patrick Brady's PhD dissertation takes an important and logical step in the study and modelling of the charged black hole interior," says William Hiscock, an external examiner of the dissertation from the Physics Department at Montana State University.

"I find his PhD thesis to represent a significant contribution to the field in several respects. Each of the several calculations presented are noteworthy additions to our understanding of quantum effects within black interiors."

Professor Hiscock says the thesis will be a valuable review and/or pedagogic source for anyone seeking to become familiar with the current state of a theoretical understanding of black hole interiors.

Dr Brady says his experience at the University of Alberta was gratifying. "I found my life as a graduate student to be something of a roller coaster ride; there were many ups and downs, frights and thrills, but above all it was exciting. While I was at the U of A, the relativity group was growing rapidly, consequently there was always a 'buzz' at work."

Dr Brady's supervisor at University College in Dublin advised him to apply to the U of A. He collaborated closely with Dr Israel on two projects while he completed his PhD. "On both occasions it was Werner's intuition and his exceptional ability to cut to the heart of the matter which struck me. The glint in his eye as he tells of a new result, or gives some new insight into a problem reveals his continued and contagious enthusiasm for physics," Dr Brady says.

Dr Brady says the relativity group in the U of A's Physics Department is one of the best in the world. He does, however, sound a cautionary note. Differential fees for foreign students are financially crippling. "I was lucky that it never affected me too much, but for others it was (and still is) a nightmare." Differential fees imperil graduate programs – and ultimately both teaching and research – at the University, he asserts.

## And the award winner is ...

By Michael Robb

**A**sk Thomas Martin Prokop how many scholarships he was awarded while studying mechanical engineering at the University of Alberta over the last several years, and he may have difficulty remembering all of them.

In 1989, he was awarded a Canada Scholarship and a Harvey S Perkins Scholarship. In 1990, he was awarded a Canada Scholarship, the Board of Governors Prize in Engineering and the Louise McKinney Postsecondary Scholarship.

In 1991, he earned the Board of Governors Prize in Engineering, a Louise McKinney Postsecondary Scholarship, and a Canada Scholarship. And in 1993, he was awarded the Fluor Daniel Canada Inc Award, a Norcen Energy Canadian Scholarship Series in Mechanical Engineering, a Canada Scholarship, a Louise McKinney Postsecondary Scholarship and the Canadian Society for Mechanical Engineering Medal.

This year, the outstanding student was awarded the Henry Birks and Sons Ltd Medal, the APEGGA Medal in Mechanical Engineering, and the Governor General's Silver Medal, one of two awarded at this University to undergraduates.

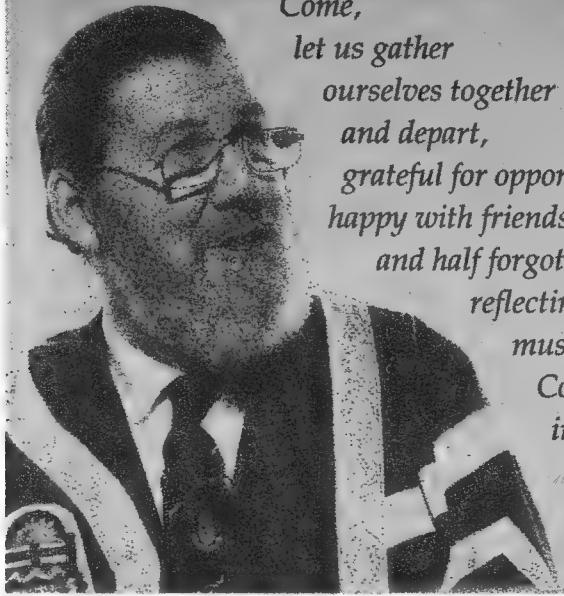
He will be granted the degree of Bachelor of Science in Mechanical Engineering in Cooperative Program with Distinction.

Incidentally, for those who care to count, that's 16 awards.

# Farewell

**Editor's note:** Sandy A Mactaggart has spent 10 years as a member of the University of Alberta Board of Governors, six months as the Interim Board Chair and the past four years as Chancellor. Few have befriended the University the way he has. On 10 June, Chancellor-elect Lou Hyndman will be installed and Sandy Mactaggart will bid farewell to the U of A. He chose to say farewell in the following manner.

*Come,  
let us gather  
ourselves together  
and depart,  
grateful for opportunities,  
happy with friends new found  
and half forgotten,  
reflecting on change,  
musing on mysteries unsolved.  
Content to have lived  
in such worthy company  
as now we leave,  
continuing their search for  
Whatsoever Things Are True.*



## New scholarship honours Mactaggart

By Tony Myers

"I am greatly moved," says Sandy Mactaggart, Chancellor of the University of Alberta, "by the announcement that a scholarship to enable a student to study in the Orient is being set up in my name."

"We feel that Sandy's extraordinary commitment to our University is worthy of recognition in an effective, ongoing manner. To that end the Senate has initiated the concept of a scholarship in his honour," states Dr Kurt Vos, who led the Senate fundraising efforts along with Senators Lloyd Malin, Eric McQuaig and Dianne Storey.

Mactaggart's contribution to the University of Alberta includes 10 years of service on the Board of Governors, four years as Chancellor and Chair of the Senate, and for the past six months, Interim Chair of the Board.

The scholarship will be awarded annually to a University of Alberta student and will enable that student to study for up to one term at a university in the Orient.

The criteria for selecting recipients will include:

- demonstrated ability to benefit from pursuing academic studies at a university in the Orient;
- interest in learning more about Oriental peoples and cultures;
- interest in fostering international understanding;
- proficiency in the country's language.

Preference will be given to applicants who want to study at universities with which the U of A has established formal academic relationships.

"Although somewhat reluctant to begin with," says Louis Desrochers, a long-time friend of the Chancellor, "Sandy has given his blessing to this project and is very enthusiastic that the scholarship will enable our students to study in East Asia." Desrochers is working with John Poole and Marc de la Bruyere in soliciting funds from the off-campus community.

"For many years, Sandy has shown great interest in East Asian culture," says Graham Lock of the Board of Governors who, with Bob Rosen, has also been working on fundraising. "Lately, he - like so many other North Americans - has promoted the importance of closer cultural and economic relationships with East Asia."

Though scholarships already exist for U of A students studying in Japan, Mactaggart says, "It will be equally if not more important to forge lasting links with China, Thailand, Indonesia and Singapore. There is no better way to do so than through markets."

The announcement of the scholarship was made at the last full meeting of the Senate. So far, \$100,000 has been raised for the Sandy A Mactaggart Scholarship Endowment. Organizers want to raise \$250,000. Those interested in making a gift can contact John McConnell, Vice-President (Development and Community Affairs), at (403) 492-4419.

## University preparing next generation of environmentally conscious scientists

**Nyree Sharp first graduate of Faculty of Science's environmental biology program**

By Michael Robb



Michael Robb

**Nyree Sharp, the first graduate of the University's environmental biology program.**

THE Students' Union "green team" conducted an environmental audit on the Students' Union Building last year.

"We had to figure out how to implement its recommendations," says team member Nyree Sharp, the first graduate of the University of Alberta's recently established Bachelor of Science environmental biology program.

The experience left Sharp frustrated, but undaunted. She realized the only way you can make a difference is to get involved. "The bureaucracy was frustrating ... but we did put some recycling facilities into the building," she says.

Like many of her contemporaries, the 22-year-old honors student is impatient about the pace of progress. On the protection and preservation of the global environment, she says there are positive developments, and environmental awareness among people is increasing. "Still, I get the sense that not enough is being done."

Nyree will be one of a growing cadre of well-educated people who will over the next decade attempt to accelerate that pace of change. They'll be taking their places in the governmental, industrial and consulting sectors. Before she does that, however, she'll be pursuing a master's degree at the University of British Columbia. There she wants to examine more closely the impact forest fragmentation has on larger animals.

She believes the U of A's new program in environmental biology has been good preparation for that advanced study. "I like the fact that it's fairly general," she says. "I still feel that there's so much more to learn, though."

Dean of Science Dick Peter said the new program's real strength is the breadth it offers students in the area of environmental biology. It's very much an interdisciplinary program, he explains.

During her studies here, Nyree earned a number of prestigious awards, including an Undergraduate Student Research Award from the Natural Sciences and Engineering Research Council, which allowed her to experience research activities during the summer. She says Forest Science Professor Jim Butler, Botany Professor Greg Taylor and Professor Emeritus of Botany George La Roi were particularly good professors who influenced her thinking.

One of Nyree's teachers, Forest Science Professor Jim Butler, says students like Sharp who are coming out of these kinds of programs will be in the vanguard of change. The breadth of their education will help them adapt to the rapid changes which will occur in how people view the environment. "She's bright, receptive and committed. The environment deserves the finest stewards possible."

Environmental Research and Studies Centre Acting Director Beverly Lewis says people working in the environmental field will have to have knowledge in a variety of areas.

# Board gives go-ahead for 4+1 proposal in Education

By Ron Thomas

The Board of Governors has approved *Quality First* proposals 2.2 and 2.3 concerning the Faculty of Education.

"You send a very good signal to the academic community [by approving the proposals]," President Paul Davenport said at the Board meeting of 20 May.

As presented to the Board, Motion 1 read: "That, beginning in the 1996-97 academic year, the Faculty of Education encourage baccalaureate graduates who wish to earn a BEd by offering a concentrated program which can be completed in one calendar year." The motion was amended before being approved. It now reads: "That, beginning in the 1996-97 academic year, the Faculty of Education establish a concentrated BEd program for baccalaureate graduates which can be completed in one calendar year."

The proposal involves encouraging people who have gone through four years of a bachelor's degree program, in whatever discipline, to consider the teaching profes-

to consider the teaching profession, said Vice-President (Academic) John McDonald.

We're absolutely convinced students of this calibre can pull the components together in one full calendar year, he added.

Vice-President (Student and Academic Services) Lois Stanford said, "We're defining in some way the product that we would like the Faculty [of Education] to produce, namely teachers with a good, basic liberal education that is combined with the skills and philosophy concomitant with the BEd."

"It's more specific and directive than it may look on the surface."

The second motion passed by the Governors states: "That the Faculty of Education, in consultation with the Faculty of Graduate Studies and Research, be more selective in its graduate program offerings so that the best programs can continue to be supported."

Ron Bercov, an academic staff representative on the Board, said that he read the

motion as pertaining to a Faculty downsizing its graduate programs. Others may interpret it as restructuring its graduate programs, he said. There was some agreement with his observation and it was moved that the words "be more selective in" be replaced by "downsize." Supporters of the original motion included Chancellor

Sandy Mactaggart and Dr McDonald. The Chancellor said that a reworking of the motion could indicate that the Board was moving into academic business; Dr McDonald said it was important to use the same words that appear in *Degrees of Freedom* and *Quality First* because the academic community has accepted them.

The motion to amend was defeated.

## GFC approves Faculty of Arts mergers Very much in keeping with spirit of *Quality First*, Vice-President McDonald says

By Michael Robb

The merger of a number of Faculty of Arts departments into larger ones has been approved by General Faculties Council.

At its regular meeting 19 May, GFC approved the merger of the Departments of Comparative Literature and Film Studies and Religious Studies into a Department of Comparative Literature, Film and Religion. That merger promptly went into effect.

GFC also approved a merger, which will take effect 1 April 1995, of the Departments of Germanic Languages, Slavic and East European Studies, Romance Languages, and Comparative Studies of Literature, Film and Religion into a Department of Modern Languages and Comparative Studies.

The proposals are very much in keeping with the spirit of the proposals contained in *Quality First*, said Vice-President (Academic) John McDonald. The proposals forwarded by the Faculty in fact go further, he said. "The Faculty has extremely good reasons for doing this, and the academic arguments for the mergers are excellent."

Proposals contained in *Quality First* will be set aside in favour of these ones, the Vice-President said.

"The short-term objective is to find a suitable home for the Religious Studies program, which is in danger of losing critical mass, is barely able to meet this year's budget reduction, and is substandardly housed," Acting Dean Margaret Van de Pitte explained in correspondence to the Planning and Priorities Committee. "The program has strong staff and healthy undergraduate enrollments, and performs an important role in general education. Therefore, eliminating it is not an option."

"The longer-term objective is to share staff as attrition exacts a toll on several small units," she explained. "There is a 'fit' of the disciplines involved in these two units, in that they rest on some common central concepts, use similar analytic methods, and supplement each other's areas in various ways. There are several opportunities for teaching and research collaboration which are already being explored."

GFC endorsed a smaller merger, the merger of the Canadian Studies Program with the Department of Political Science. A Division of Canadian Studies will now exist within the department.

The proposals will be considered by the Board of Governors today.

## CURRENTS

### Forum will examine health system reform

In conjunction with the Canadian Public Health Association's 85th annual conference, a forum called "Restructuring the Health System: Comparing Models of Health System Reform," will be held at the Westin Hotel, Edmonton, on 12 June. The forum will look at the achievements that have been made in health reform and the adjustments that have yet to be made, and offer an informed preview of what a reformed system will look like. An interactive session led by Steven Lewis, Ted Marmor and Michael Rachlis will be moderated by Marjorie Bowker. Registration fee: \$65. To register or for more information, call Isabel Henderson at 482-9884 or fax 482-3271.

### Farewell reception for Lois Stanford

Members of the University community are cordially invited to a reception on Wednesday, 15 June, in honour of Lois Stanford, who has served the University for the past four years as Vice-President (Student and Academic Services). The reception will be in the Lister Hall Banquet Room from 4 to 6 pm. Friends and colleagues of the Stanfords are invited to join President Paul Davenport in wishing Lois and her husband, Henry, well.

Those wishing to mark the event with a gift are invited to send contributions to Mrs Pat Heatherington at 3-1 University Hall. Cheques may be made payable to the Lois Stanford Gift Fund.

### Farewell reception for Jim Shaw

After 30 years of dedicated service to the University of Alberta, Jim Shaw (Extension) has decided to retire.

The Faculty is planning a reception on Wednesday, 15 June, from 3 to 5 pm in 2-36 University Extension Centre, 8303 112 Street. A brief presentation will be held at 3:30.

If you are able to join us, please call Pam Otiniano or Ruth Morales at 492-5044 by Wednesday, 8 June, to confirm your attendance. Contributions are being accepted towards the purchase of a farewell gift.

### Farewell gathering for Wilma Martin

On 30 June, Personnel Services and Staff Relations (PSSR) will be losing one of its long-service employees, Wilma Martin, to retirement. Her career in PSSR began in 1975 as a Senior Clerk; five years later, she was promoted to Administrative Assistant in the Wage and Salary Division (now known as Compensation Administrator/Compensation, Evaluation and Research).

PSSR invites members of the University community to a farewell gathering for Wilma on Thursday, 30 June, at Alumni House from 3 to 5:30 pm. Please RSVP the Compensation, Evaluation and Research team at 492-8164.

Donations may be forwarded to Chris Block, PSSR, 2-22 Assiniboia Hall (cheques payable to Pension and Benefits Social Fund).

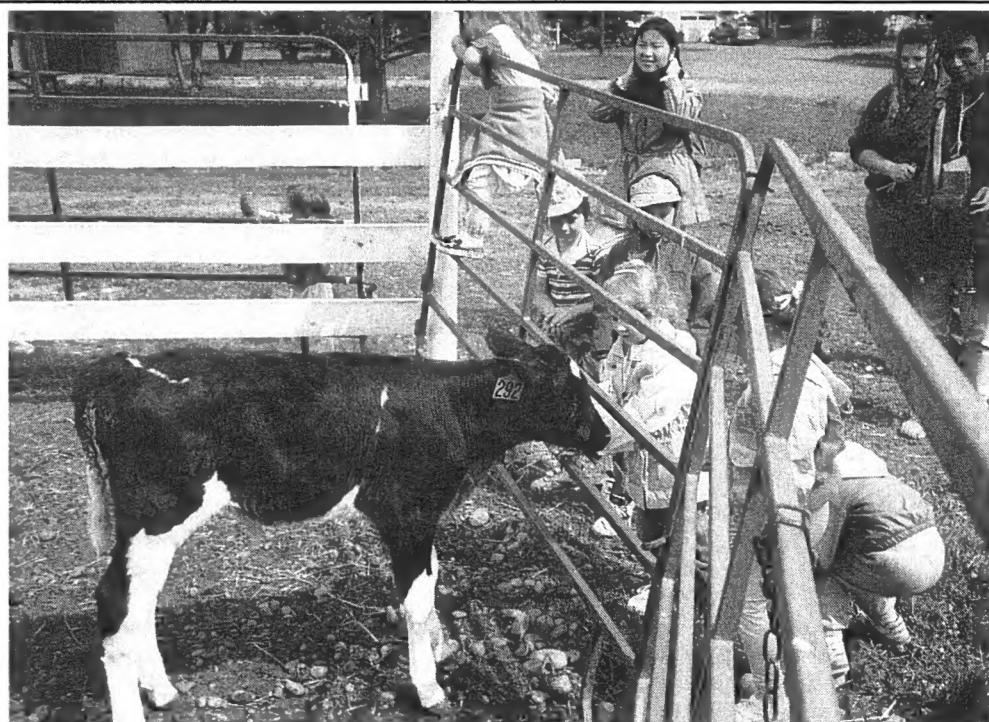
## Now on view: 150 years of geological survey maps

The University of Library is currently displaying *Geological Maps of Canada: Their History and Evolution*. The display includes 60 facsimiles of maps from the collections of the National Archives of Canada, the Library, University of British Columbia, and the Library of Congress, Washington, D.C.

The maps are arranged in 10 panels which trace the history and modern interpretations of Canada's geologic place in the world and her physical regions. Included is van Keulen's *New*

*foundland, New France, Canada, and Acadia* of 1687 which depicts Canada's geology as interpreted during the Age of Exploration. For comparison is Okulitch's *Geography of the Canadian Arctic*, 1991, made using the latest digital cartographic techniques. Interpretive catalogues provide a full description of each panel and map.

The display is located on the second floor of Cameron Library, just at the entrance to the stacks.



## Fast friends

University Farm tours resumed in May. Many daycare and playschool groups, including the Grant MacEwan Daycare (pictured above), enjoyed their visit with the farm animals.

# Joy of writing explored at Summer Writing Institute

By Dinah Gray

The creative processes of writing, editing and reading works aloud will be explored and enjoyed by those attending Women's Words: Summer Writing Institute, presented by the Women's Program at the Faculty of Extension, 6 to 10 June.

The five days will be structured to provide writers, would-be-writers and nonwriters with writing instruction, writing time and an exciting program of evening readings. Conference delegates will work in an atmosphere of encouragement among a number of published women writers from Alberta.

Over the past four years several published Alberta writers have been involved in courses at the Women's Program. They have always been warmly received by those taking the courses and the conference is an opportunity to extend those contacts to a new format.

The format of the conference is an open one which is designed to reach a variety of writers, including those who are aspiring and may lack technical know-how. "The sessions provide a bridge between feelings and writing skills without the trauma associated with formal classes," says Reinhild Boehm, Director of the Women's Program.

A flexible registration schedule has been designed to accommodate those interested in all day attendance, or mornings or afternoons only. The evening program of readings by prairie women writers is open to the public at a cost of \$5 per evening. These take place 6 to 10 June, 7:30 pm, in 2-47 at the University Extension Centre, 8303 112 Street. For further information regarding this conference, call Susan Boychuk, Women's Program, Faculty of Extension, 492-3093.

## Hail and farewell

Masood Ahmad, Library	John Fischer, Physical Plant	Peter Miller, Educational Foundations	James Sinclair, Physical Plant
William Andrals, Radiology	Duncan Fishwick, Classics	Ionna Molzahn, Provincial Laboratory of Public Health	Saraswati Singh, Marketing and Economic Analysis
Division, Faculty of Dentistry	Jody Flye, Physical Plant	Mangesh Murdeshwar, Mathematics	Olga Smedstad, Library
Balraj Arora, Stomatology	Serafin Fraga, Chemistry	Peter Murphy, Forest Science	Peter Smith, Geography
William Ayer, Chemistry	Maria Francic, Building Services	Rudolf Neumann, Physical Plant	Patrick Stevens, Housing and Food Services
Halfdan Baadsgaard, Geology	Zdena Frnoch, Library	Margaret Oggilvie, Graduate Studies and Research	Inge Telzerow, Personnel Services and Staff Relations
Richard Baird, Political Science	Ollie Frost, Computing Science	Ralph Oliver, Campus Security Services	Andre Theoret, Housing and Food Services
James Balderson, Educational Administration	R Gerald Glassford, Physical Education and Sport Studies	Alton Olson, Secondary Education	Robert Thomas, Materials Management
Ruth Beerwald, Library	CM (Bill) Goode, Physical Plant	John Osborne, Educational Psychology	Walter Thorson, Chemistry
Donald Bell, Cooling Plant	Vembu Gourishankar, Electrical Engineering	Thomas Overton, Applied Sciences in Medicine	Margaret Rose Thorvaldson, Library
John Bors, Building Services	Vivian Hotvedt, Faculty of Extension	Flora Pavich, English	Gilda Valli, Library
Dennis Bower, Health Sciences	Minnie House, Housing and Food Services	Stephen Pawluk, Soil Science	Teresa Vasquez, Library
Media Services	Steve Hunka, Educational Psychology	Gim Poon, Housing and Food Services	Karla Vrbova, Library
Samuel Bradford, Mining, Metallurgical and Petroleum Engineering	Harold Jackson, Food Science and Nutrition	Thomas Powrie, Economics	Frank Weichman, Physics
Inge Brown, Nursing	Milanka Janosi, Building Services	Allan (Bud) Pringle, Animal Science	Ronald Whitehouse, Medical Microbiology and Infectious Diseases
Art Burgess, Athletics	Audrey Jensen, Dentistry	George Pruden, Physical Plant	Robert Wilberg, Physical Education and Sport Studies
Robert Carney, Educational Foundations	Doris Jones, Office of the Comptroller	Gerald Redmond, Physical Education and Sport Studies	Ann Wilson, Faculty of Nursing
Fu-Shiang Chia, Zoology	Natalka Kalvaltis, Library	Arnold Rieve, Physical Plant	Frank Wilson, Speech Pathology and Audiology
Frederick Chute, Electrical Engineering	Rainer Karge, Animal Science	Edward James (Jim) Rimell, Physical Plant	Julia Wolfert, Library
John Clark, Animal Science	DJ Laurie Kennedy, Civil Engineering	Shirley Rose, English	Henry Wyatt, Ophthalmology
Hugh Clifford, Zoology	Henry Kennedy, Accounting and Management Information Systems	Edith Schultz, Housing and Food Services	Wen Xin Xu, Physical Plant
Francis Cookson, University Health Services	Hugh King, Registrar's Office	David Marsden, Mechanical Engineering	Mary Yiu, Physics
Beverly Cormack, Library	Betty-Lou Kitson, Materials Management	Wilma Martin, Personnel Services and Staff Relations	Darius Young, Secondary Education
Ronald Coutts, Pharmacy and Pharmaceutical Sciences	Gillian (Gill) Klushin, Physical Education and Recreation	Henry Lewis, Anthropology	H Clifton Young, Marketing and Economic Analysis
Joseph Cwyk, Printing Services	Leszek Kosinski, Geography	Thea Liesner, Library	Jean Young, Elementary Education
Nadia Cyncar, Library	James La Follette, Adult, Career and Technology Education	Wilhelm Litke, Building Services	Piroska Zavaczki, Physical Plant
Charles Davidson, Provincial Laboratory of Public Health	Guy Lamarche, Housing and Food Services	Arnold Logan, Chemistry	Edwin Zemrau, Physical Education and Recreation
Roger Davis, Educational Psychology	Fred Laux, Faculty of Law	Walter Luoma, Computing and Network Services	James Zingle, Physical Plant
Gilbert Delplanque, Library	Kenneth Lemke, Accounting and Management Information Systems	C Stuart Mackinnon, History	
Henry Dick, Oral Biology	Ross Macnab, Physical Education and Sport Studies	Victoria McKinnon, Provincial Laboratory of Public Health	
Jeremy Dix-Hart, Drama		Roberta (Bobby) McLaughlin, Clinical Services, Education	
Patricia Egan, Library		Rowland McMaster, English	
Erna Enns, Oral Biology		Marguerite Meyers, English	
Ronald Fairweather, Materials Management			
Gladys Ferguson, Restorative Dentistry			



Henry Kennedy (Accounting and Management Information Systems) and his wife, Catherine, with the memento given by the University for his years of service.

Anne Le Rougetel, Office of Public Affairs	David Marsden, Mechanical Engineering
Henry Lewis, Anthropology	Wilma Martin, Personnel Services and Staff Relations
Thea Liesner, Library	Joyce McGhie, Faculty of Nursing
Wilhelm Litke, Building Services	Victoria McKinnon, Provincial Laboratory of Public Health
Arnold Logan, Chemistry	Roberta (Bobby) McLaughlin, Clinical Services, Education
Walter Luoma, Computing and Network Services	Rowland McMaster, English
C Stuart Mackinnon, History	Marguerite Meyers, English

# EVENTS

## EXHIBITIONS

### BRUCE PEEL SPECIAL COLLECTIONS LIBRARY

Until 15 July

"Ancient Coins and Renaissance Books: Aspects of Roman History"—an exhibition honouring the 65th birthday of Duncan Fishwick, Department of Classics. Rare books from the Peel Library include many 16th and 17th century editions. Coins generously lent from the collections of T Cheesman, Nickle Art Museum, University of Calgary, G Wright, and the U of A's Classics Department. Bruce Peel Special Collections Library, B-7 Rutherford South. Hours: 8:30 am to 4:30 pm Monday through Friday. Closed weekends.

### FAB GALLERY

Until 29 May

"Drawing Conclusions"—the BFA graduate show. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

### McMULLEN GALLERY

Until 3 July

"Artists in Wilderness I and II—Images of a Vanishing Alberta." Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm; Monday, Tuesday, Thursday, 6 to 8 pm. Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

# talks

### GEOGRAPHY AND THE INSTITUTE OF GEOPHYSICS, METEOROLOGY AND SPACE PHYSICS

6 June, 10:30 am

Robert Schemenauer, Cloud Physics Research Division, AES, "A Broad Look at Precipitation and Fog Deposition." 3-32 Tory Building.

### PHARMACY AND PHARMACEUTICAL SCIENCES

16 June, 3 pm

Hans Schreier, Center for Lung Research, Vanderbilt University School of Medicine, Nashville, Tennessee, "Pulmonary Liposomes: Technology, Safety, and Therapeutic Opportunities." Sponsor: Alberta Heritage Foundation for Medical Research. 2031 Dentistry-Pharmacy Centre.

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\*Brochures available at HUB Merchants and HUB Cat.

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### ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

7 June, noon

Ronald H Reeder, associate director, Basic Sciences Division, Fred Hutchinson Cancer Research Center, Seattle, "Termination of Ribosomal Gene Transcription." 2-27 Medical Sciences Building.

### CENTRE FOR RESEARCH IN TEACHER EDUCATION AND DEVELOPMENT AND SECONDARY EDUCATION

7 June, 1 pm

Madeline R Grumet, Dean, School of Education, Brooklyn College, City College of New York, "Teacher Education in a Community of Scholars." 3-119 Education North.



### ACCOMMODATIONS FOR RENT

**MICHENER PARK** - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University enquiries welcome, 492-7044.

**LEMARCHAND** - High style, executive condo. Two bedrooms plus den, furnished. August 1994 - August 1995. \$1,500/month. Western Relocation, 434-4629.

**LEASE, 1 JULY.** Waterford House condominium, 10545 Saskatchewan Drive. Choice 3rd floor location has river view. Two bedrooms, two baths, upgraded lighting, window coverings, flooring and cupboards. Includes five appliances. \$850/month. Information, 433-9825 or 433-1257. References please.

**MILLCREEK** historic home, four bedrooms, character plus. Available July. Negotiable. 477-7036.

**CHARMING**, two bedroom bungalow, Glenora. Appliances, fireplace, 1 1/2 baths, double garage, fenced yard. No dogs. \$750. Available 1 July, 453-7940.

**MODERN HOME** available for yearly lease. Ideal location adjacent to Mill Creek Ravine. Walking distance to Old Strathcona and University. References required. 432-7162 or 464-8201.

**WALK TO UNIVERSITY.** New, large, six bedroom house, three baths. Excellent condition. \$1,500/month. 436-8331.

**UNIVERSITY OF WINDSOR** professor looking to exchange residences for month of July. Two bedroom duplex in Windsor by the river, ten minutes from university, 40 minutes from Ann Arbor. Contact M Kral, (519) 253-4232 ext. 2220.

**BROOKVIEW**, ten minutes University. 2,163', three bedrooms, one den, master bedroom with ensuite jacuzzi. Gourmet kitchen, fully equipped. Two-car garage. \$1,200/month, utilities, gas, water, telephone extra. Pearl, 437-1458 after 6 pm.

**SABBATICAL**, August 1994 - July 1995. New, furnished, three bedroom house. Nonsmokers, no pets. \$900/month plus utilities. 492-0372, 481-8186.

**LATE AUGUST to December** - Fully furnished executive home in Country Club (Wolf Willow). Four bedrooms, 2 1/2 baths,

jacuzzi ensuite, fireplace, attached garage, huge fenced yard, car included. 492-3348.

**TWO BEDROOM**, two bathroom, large apartment condo. Insuite laundry, underground parking, pool. One block to University. \$1,100. 430-6797.

**SPACIOUS**, open beam bungalow during sabbatical. Available mid-August, one year. Fully furnished, three bedrooms, three baths, fireplaces in living and family rooms, sauna. \$1,200/month plus utilities. Convenient to University. Dr Rodning, 492-3862.

**GULF ISLANDS RETREAT** - private, Mayne Island, B. C. home with all amenities. Ocean view, close beaches. \$450/week. Phone Kim, 492-1669.

**FAIRMOUNT HOT SPRINGS** - two bedroom villa for rent, sleeps six. Call 467-9932. Leave message for detail.

**NORTH WINDSOR PARK** sabbatical home. Three-minute walk from campus. For rent September 1994 - April 1995. Three bedroom bungalow, furnished, nonsmokers, no pets. Negotiable, very reasonable rent for the right tenant. 439-9487.

**RIVERBEND**, executive, four bedroom, two storey home. Appliances. Available 1 July, up to two-year lease, negotiable. Khalida, 438-0621.

**UNIVERSITY AREA**, large, furnished, two bedroom condo. 1 1/2 baths, six appliances, one parking stall. Close to all amenities. Family preferred. \$750/month, \$450 deposit. Available 1 July. 438-6228.

**BELGRAVIA** - Five bedrooms, fully furnished. Nonsmokers; family preferred. Reasonable rent. References required. Available September-December 1994. 438-7276, 436-0741.

**UNIVERSITY** - totally renovated, two bedroom house, mainfloor, appliances. Available 1 July. \$600/month plus utilities, deposit, one-year lease. 464-7535, 464-6513 after 6 pm.

**GOLDBAR** - Fully furnished, two bedrooms, recently renovated, library, music area, quiet. Fifteen minutes University. No pets, nonsmokers. Utilities prepaid. References. August 1994 - August 1995. \$900. 496-1116, 469-8525.

**RENT/SHARE** - lovely five bedroom, five bathrooms plus two studies. Furnished. Quiet cul-de-sac location in Blue Quill. Fifteen min-

utes by car to campus, am/pm express bus service, 492-2562, 437-7924.

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